

TRUCKEE RIVER BASIN, LAKE TAHOE

10336770 TROUT CREEK AT U.S. FOREST SERVICE ROAD 12N01 NEAR MEYERS, CA—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1990 to current year.

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: September 1997 to September 2003, discontinued.

INSTRUMENTATION.--Water temperature recorder September 1997 to September 2003, two times per hour.

REMARKS.--In November 1989, station was incorporated into the expanded Lake Tahoe Interagency Monitoring Program to monitor tributary contributions of nutrients and sediment to Lake Tahoe. Samples were analyzed by the University of California, Davis, Tahoe Research Group. Water temperature records for September 1997 were not published but are available from the U.S. Geological Survey, in Carson City, NV.

EXTREMES FOR PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: Maximum, 14.0°C, July 10, 2002; minimum, freezing point on many days.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Time	Instantaneous discharge, cfs (00061)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specific conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia + org-N, water, unfltrd, mg/L as N (00625)	Ammonia water, fltrd, mg/L as N (00608)	¹ Nitrite + nitrate water fltrd, mg/L as N (00631)
OCT 08...	1445	4.5	--	--	--	--	55	18.5	6.6	--	.07	.003	.002
NOV 06...	1310	4.7	--	--	--	--	53	.5	1.0	--	.10	<.003	.002
DEC 01...	1140	4.7	--	--	--	--	54	6.5	1.5	.04	.07	<.003	.005
FEB 09...	1140	3.8	--	--	--	--	52	-.5	.0	--	.10	.003	.014
APR 07...	1020	10	--	--	--	--	36	7.0	2.0	--	.20	<.003	.011
MAY 04...	1115	20	--	--	--	--	25	18.0	4.0	.11	.22	.005	.007
17...	1450	17	--	--	--	--	26	12.5	8.0	.09	.12	.004	.004
JUN 03...	1015	17	596	8.9	96	7.7	28	20.5	7.8	.09	.10	.005	.004
14...	1525	12	--	--	--	--	33	22.0	11.5	.12	.16	.006	.009
JUL 07...	1550	8.2	--	--	--	--	44	19.5	12.0	--	.09	.004	.006
AUG 04...	1440	4.7	--	--	--	--	51	17.5	9.0	--	.08	.003	.006
SEP 08...	1040	4.2	598	9.7	101	7.8	56	18.5	6.5	.06	.11	.005	.002

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WATER-QUALITY DATA, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Ortho-phosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Phosphorus, water, unfltrd mg/L (00665)	Suspended sediment concentration mg/L (80154)	Suspended sediment discharge, tons/d (80155)
OCT 08...	.009	.016	.018	1	.01
NOV 06...	.009	.014	.021	1	.01
DEC 01...	.010	.013	.018	7	.09
FEB 09...	.010	.019	.024	1	.01
APR 07...	.008	.015	.022	2	.05
MAY 04...	.006	.011	.023	7	.38
17...	.007	.012	.020	5	.23
JUN 03...	.009	.013	.018	4	.18
14...	.008	.015	.022	3	.10
JUL 07...	.010	.018	.022	3	.07
AUG 04...	.010	.025	.026	3	.04
SEP 08...	.008	.017	.020	1	.01

Remark codes used in this table:

< -- Less than

¹ -- Hydrazine method used to determine nitrate plus nitrite concentrations was found to have interferences caused by other common ions in water samples. Values may be adjusted in the future to correct for these interferences.